

Before the
Federal Communications Commission
Washington, DC

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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

In re Applications of)	MM Docket No. 93-107
DAVID A. RINGER)	File No. BPH-911230MA
ASF BROADCASTING CORP.)	File No. BPH-911230MB
WILBURN INDUSTRIES, INC.)	File No. BPH-911230MC
SHELLEE F. DAVIS)	File No. BPH-911231MA
OHIO RADIO ASSOCIATES)	File No. BPH-911231MC

For Construction Permit for an
FM Station on Channel 280A in
Westerville, OH

To: Administrative Law Judge
Walter C. Miller

MOTION TO ENLARGE THE ISSUES AGAINST DAVID A. RINGER

Shellee F. Davis ("Davis"), by her attorney, hereby requests that the issues be enlarged against David A. Ringer ("Ringer") in this proceeding as follows:

To determine whether David A. Ringer was financially qualified at the time his application was filed, and if not, the effect thereof on his basic qualifications to be a Commission licensee.

With respect thereto, the following is stated:

Ringer executed his application on December 27, 1991, proposing use of a Jampro JSCP-3 directional antenna. See Attachment 1. Ringer stated that his budget to construct and operate his station was "\$201,880," which he claimed would be satisfied in that exact amount to be supplied from himself. See Attachment 2.

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The Standard Document Production Order required all parties to produce:

All bank letters and other financing documents with the dollar amounts unexpurgated

47 C.F.R. § 1.325(c)(1)(v). In response to the Standard Document Production Order on May 7, 1993, Ringer produced a document entitled "Business Plan" wherein Ringer established his budget for the construction and operation for his proposed station, and in which it was revealed that Ringer estimates that it will cost slightly over \$27,000 per month to operate his station during each of the first three months of its operation, and his total "Construction Costs" have been budgeted at \$119,790, which includes \$50,000 for "Miscellaneous Expenses." See Attachment 3. While Ringer's budget includes his estimated cost of his first three months of operation (including use of leased equipment from Mid-Ohio Communications, Inc. (the former licensee of Station WBBY, the station which vacated the frequency at issue in this proceeding), whereby Mid-Ohio has agreed to lease the tower site (tower and building) located at State Route 37, Sunbury, Ohio; studio facilities located at 14 Dorchester Court, Westerville, Ohio; and "some or perhaps all of the equipment" listed on an inventory of equipment provided by Mid-Ohio (see Attachment 4)), there is no provision in the budget that has been prepared by Ringer for the purchase of additional equipment that is not to be supplied by Mid-Ohio. Attachment 3. Ringer has proposed to operate with a directional antenna (to enable it to restrict radiation in the direction of WTTF-FM to 3.0 kW, but to project up to 4.3 kW ERP in other directions), but Mid-Ohio does not propose to lease to Ringer a directional antenna (Attachment 4). Additionally, although Ringer has proposed to include emergency power generating equipment at his station (see Attachment 5), emergency power generating equipment is not on the list of

equipment Mid-Ohio has proposed to lease to Ringer (Attachment 4).¹ The estimated expense to purchase and install a emergency power generating equipment is at least \$30,000. See TR 32 (Attachment 6); Attachment 7. The estimated cost to purchase and install a Jampro JSCP-3 directional antenna (with necessary deicers) is \$21,450. See Attachment 8.

Under the Commission financial qualifications standard, an applicant must be financially qualified at the time its application is filed, or else its application is not acceptable for tender and is subject to dismissal. Amendment of Part 73 of the Commission's Rules to Modify Processing Procedures for Commercial FM Broadcast Applications, 7 FCC Rcd 5074, 5078 n.24 (1992). Pursuant to the requirements contained in the version of the FCC Form 301 adopted in 1989, an applicant:

must estimate the initial costs of constructing and operating the facility proposed in the application. The estimate for constructing the facility should include, but is not limited to, costs incurred for items listed below. In calculating costs for the items below, determine the costs for the items in place and ready for service, including amounts for labor, supervision, materials, supplies, and freight:

Antenna System...

RF Generating Equipment...

Monitoring and Test Equipment...

Program Origination Equipment...

Acquiring Land...

Acquiring, Remodeling or Constructing Buildings...

¹ The piece of equipment Ringer believed was an emergency power generator in actuality is simply a stereo generator exciter, which is used to light the "stereo" light on stereo FM receivers. Cf. TR 31-32 (Attachment 6, hereto).

Services (including legal, engineering, and installation costs); and

Other Miscellaneous Items...

Attachment 9. The Commission has stated:

The test to be used regarding the nature of the showing required to reopen the question of the adequacy of the applicant's finances will be...limited to a showing of misrepresentation or gross omission of some decisionally significant item which would render the proposal decisionally defective.

Revised Processing of Broadcast Applicants, 72 F.C.C.2d 202, 222 (1979).

Based upon this precedent, it appears that Ringer has indeed omitted "decisionally significant items" from his budget, and consequently, was not financially qualified at the time he filed his applications, and a financial issue is required against Ringer. Although Ringer's budget estimates operating costs, it fails in all respects to include functionally crucial items contained in his proposal, specifically his proposed antenna (\$21,450) and emergency power generating equipment (\$30,000). These two items alone exceed his reserve for miscellaneous equipment. See Attachment 3. Additionally, Ringer apparently is proceeding under the assumption that all remaining equipment for the initial operation of the proposed station can be simply leased from Mid-Ohio. However, the terms of the lease letter plainly state only that "some or perhaps all" of the equipment on the inventory list will be made available. See Attachment 4. Nevertheless, Ringer's budget includes no provision for the purchase of replacement equipment for the four equipment categories specified by the Commission in its FCC Form 301.² These omissions on the part of Ringer result in a massive shortfall with

² In contrast, although Davis is proposing to use the Mid-Ohio equipment, she has prepared a "worst case" budget which allows funds sufficient to purchase replacement equipment

respect to the financial resources available to Ringer, and consequently necessitate the addition of an issue against Ringer.

Conclusion

Discovery in this proceeding has revealed a score of shortcomings in Ringer's financial qualifications. Accordingly, the requested financial issue is fully warranted.

Timeliness

Ringer's deposition occurred on July 16, 1993, and a transcript of the deposition become available on August 3, 1993. This Motion is being filed within 15 days of the discovery of the new facts, and is therefore timely filed under Section 1.229(b) of the Commission's Rules.

Requested Documents

It is requested that Ringer be ordered to abide by the Instructions and Definitions contained in the "Request for Production of Documents" submitted by Davis against Westerville Broadcasting Company Limited Partnership on June 26, 1993. All references to "WBC" or its principals should instead refer to "David A. Ringer" or "Ringer." Ringer should be required to produce the following documents:

Request 1. Copies of all budgets and business plans (formal or informal) prepared with regard to the proposed construction and operation of Ringer's original and currently proposed station and copies of notes, memoranda, letters, price lists or other information used in conjunction with the preparation of the budgets.

for the Mid-Ohio equipment, in the event the Mid-Ohio equipment becomes unavailable prior to the execution of a lease between Davis and Mid-Ohio, along with a \$50,000+ financial cushion.

Request 2. Copies of all documents reflecting any assurance or commitment of funds, provision of funds, or agreements or understandings for the purchase of stock or proposed extensions of credit, from any source which Ringer has relied upon at any time in conjunction with his application in this proceeding.

Request 3. Balance sheets or financial statements of any person or entity (except financial institutions or equipment manufacturers) Ringer has relied upon at any time in support of his financial qualifications for his proposed station.

Request 4. Copies of all documents or notes reflecting any oral or written information (including business plans) provided by Ringer to any person or entity (including proposed lenders or providers of credit) that Ringer has (1) solicited, or (2) relied upon, to establish his eligibility for a loan or extension of credit for his proposed station, and any response or information Ringer subsequently received in response to such solicitations.

Request 5. For each person or entity (other than financial institutions or equipment manufacturers) who at any time agreed to furnish funds, purchase stock, extend credit, or guarantee loans for Ringer for his proposed station, (1) his balance sheets or financial statements covering the periods of time such agreement to furnish funds, purchase stock, extend credit, or guarantee loans was in effect; (2) all documents establishing his ability to furnish funds, purchase stock, extend credit, or guarantee loans (including copies of documents establishing the accuracy of the information provided on the balance sheets or financial statements, including copies of bank statements, stock certificates, promissory notes, and appraisals); and (3) all documents showing his net income after federal income tax for the two year period preceding such agreement to furnish funds, purchase stock, extend credit, or guarantee loans to Ringer,

and for all periods during which the agreement or understanding was in effect.

Request 6. All documents withdrawing or revoking (or evidencing any withdrawal or revocation of) any oral or written understanding or agreement by any person or entity to provide funds or credit to Ringer with respect to his proposed station.

Request 7. Copies of all documents reflecting bills or retainer requests that have been issued to Ringer in conjunction with his application but have remained unpaid.

Request 8. For each person or entity who already has supplied funds, purchased stock, extended credit, or guaranteed loans, a copy of the agreement (if any) obligating (or evidencing the willingness of) the person or entity to furnish funds, and documents evidencing the amounts furnished, the terms of repayment (if any), the rate of interest (if any), and security provided (if any).

WHEREFORE, it is respectfully requested that this Motion be granted, and that the issues be enlarged in this proceeding against David A. Ringer, as requested.

Respectfully requested,

SHELLEE F. DAVIS

By:


Dan J. Alpert

1250 Connecticut Ave.
7th Floor
Washington, DC 20036
(202) 637-9158

August 18, 1993

ATTACHMENT 1

Section V-B - FM BROADCAST ENGINEERING DATA	FOR COMMISSION USE ONLY File No. _____ ASB Referral Date _____ Referred by _____
--	--

Name of Applicant

David A. Ringer

Call letters (if issued)

N/A

Is this application being filed in response to a window? ☒ Yes ☐ No

If Yes, specify closing date: 12/30/91

Purpose of Application: (check appropriate boxes)

- | | |
|--|---|
| <input checked="" type="checkbox"/> Construct a new (main) facility | <input type="checkbox"/> Construct a new auxiliary facility |
| <input type="checkbox"/> Modify existing construction permit for main facility | <input type="checkbox"/> Modify existing construction permit for auxiliary facility |
| <input type="checkbox"/> Modify licensed main facility | <input type="checkbox"/> Modify licensed auxiliary facility |

If purpose is to modify, indicate below the nature of change(s) and specify the file number(s) of the authorizations affected.

- | | |
|---|--|
| <input type="checkbox"/> Antenna supporting-structure height | <input type="checkbox"/> Effective radiated power |
| <input type="checkbox"/> Antenna height above average terrain | <input type="checkbox"/> Frequency |
| <input type="checkbox"/> Antenna location | <input type="checkbox"/> Class |
| <input type="checkbox"/> Main Studio location | <input type="checkbox"/> Other (Summarize briefly) |

File Number(s) N/A

1. Allocation:

Channel No.	Principal community to be served:			Class (check only one box below)
	City	County	State	
280	Westerville	Franklin	OH	<input checked="" type="checkbox"/> A <input type="checkbox"/> B1 <input type="checkbox"/> B <input type="checkbox"/> C3 <input type="checkbox"/> C2 <input type="checkbox"/> C1 <input type="checkbox"/> C

Exact location of antenna.

(a) Specify address, city, county and state. If no address, specify distance and bearing relative to the nearest town or landmark.

12951 East State Route 37, Sunbury, Delaware County, Ohio.

(b) Geographical coordinates (to nearest second). If mounted on element of an AM array, specify coordinates of center of array. Otherwise, specify tower location. Specify South Latitude or East Longitude where applicable; otherwise, North Latitude or West Longitude will be presumed.

Latitude	40	14	04	Longitude	82	50	20
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3. Is the supporting structure the same as that of another station(s) or proposed in another pending application(s)? ☐ Yes ☒ No

If Yes, give call letter(s) or file number(s) or both.

N/A

If proposal involves a change in height of an existing structure, specify existing height above ground level including antenna, all other appurtenances, and lighting, if any.

N/A

4. Does the application propose to correct previous site coordinates?
If Yes, list old coordinates.

☐ Yes ☒ No

Latitude	°	'	"	Longitude	°	'	"
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5. Has the FAA been notified of the proposed construction?

☐ Yes ☒ No

If Yes, give date and office where notice was filed and attach as an Exhibit a copy of FAA determination, if available.

Exhibit No.
N/A

Date _____ Office where filed _____

6. List all landing areas within 8 km of antenna site. Specify distance and bearing from structure to nearest point of the nearest runway.

Landing Area	Distance (km)	Bearing (degrees True)
(a) Pine Lake (Pvt.)	7.2 km	274°
(b) August Acres	8.0 km	148°

7. (a) Elevation: (to the nearest meter)

(1) of site above mean sea level: 311 meters

(2) of the top of supporting structure above ground (including antenna, all other appurtenances, and lighting, if any); and 124 meters

(3) of the top of supporting structure above mean sea level [(aX1) + (aX2)] 435 meters

- (b) Height of radiation center: (to the nearest meter) H - Horizontal; V - Vertical

(1) above ground 119 meters (H)

119 meters (V)

(2) above mean sea level [(aX1) + (bX1)] 430 meters (H)

430 meters (V)

(3) above average terrain 118 meters (H)

118 meters (V)

8. Attach as an Exhibit sketch(es) of the supporting structure, labelling all elevations required in Question 7 above, except item 7(b)(3). If mounted on an AM directional-array element, specify heights and orientations of all array towers, as well as location of FM radiator.

Exhibit No.
E-1

9. Effective Radiated Power:

(a) ERP in the horizontal plane

4.3 kw (H) 4.3 kw (V)

(b) Is beam tilt proposed?

☐ Yes ☒ No

If Yes, specify maximum ERP in the plane of the tilted beam, and attach as an Exhibit a vertical elevational plot of radiated field.

Exhibit No.
N/A

 kw (H) kw (V)

-Polarization

10. Is a directional antenna proposed?

☒ Yes ☐ No

If Yes, attach as an Exhibit a statement with all data specified in 47 C.F.R. Section 73.316, including plot(s) and tabulations of the relative field.

Exhibit No.
E-1

11. Will the proposed facility satisfy the requirements of 47 C.F.R. Sections 73.315(a) and (b)?

☒ Yes ☐ No

If No, attach as an Exhibit a request for waiver and justification therefor, including amounts and percentages of population and area that will not receive 3.16 mV/m service.

Exhibit No.
N/A

12. Will the main studio be within the protected 3.16 mV/m field strength contour of this proposal?

☒ Yes ☐ No

If No, attach as an Exhibit justification pursuant to 47 C.F.R. Section 73.1125.

Exhibit No.
N/A

13. (a) Does the proposed facility satisfy the requirements of 47 C.F.R. Section 73.207?

☐ Yes ☒ No

(b) If the answer to (a) is No, does 47 C.F.R. Section 73.213 apply?

☒ Yes ☐ No

(c) If the answer to (b) is Yes, attach as an Exhibit a justification, including a summary of previous waivers.

Exhibit No.
E-1

(d) If the answer to (a) is No and the answer to (b) is No, attach as an Exhibit a statement describing the short spacing(s) and how it or they arose.

Exhibit No.
N/A

(e) If authorization pursuant to 47 C.F.R. Section 73.215 is requested, attach as an Exhibit a complete engineering study to establish the lack of prohibited overlap of contours involving affected stations. The engineering study must include the following:

Exhibit No.
E-1

- (1) Protected and interfering contours, in all directions (360°), for the proposed operation.
- (2) Protected and interfering contours, over pertinent arcs, of all short-spaced assignments, applications and allotments, including a plot showing each transmitter location, with identifying call letters or file numbers, and indication of whether facility is operating or proposed. For vacant allotments, use the reference coordinates as the transmitter location.
- (3) When necessary to show more detail, an additional allocation study utilizing a map with a larger scale to clearly show prohibited overlap will not occur.
- (4) A scale of kilometers and properly labeled longitude and latitude lines, shown across the entire exhibit(s). Sufficient lines should be shown so that the location of the sites may be verified.
- (5) The official title(s) of the map(s) used in the exhibit(s).

14. Are there: (a) within 50 meters of the proposed antenna, any proposed or authorized FM or TV transmitters, or any nonbroadcast (except citizens band or amateur) radio stations; or (b) within the blanketing contour, any established commercial or government receiving stations, cable head-end facilities, or populated areas; or (c) within ten (10) kilometers of the proposed antenna, any proposed or authorized FM or TV transmitters which may produce receiver-induced intermodulation interference?

☐ Yes ☒ No

If Yes, attach as an Exhibit a description of any expected, undesired effects of operations and remedial steps to be pursued if necessary, and a statement accepting full responsibility for the elimination of any objectionable interference (including that caused by receiver-induced or other types of modulation) to facilities in existence or authorized or to radio receivers in use prior to grant of this application. (See 47 C.F.R. Sections 73.315(b), 73.316(e) and 73.318.)

Exhibit No.
N/A

15. Attach as an Exhibit a 75 minute series U.S. Geological Survey topographic quadrangle map that shows clearly, legibly, and accurately, the location of the proposed transmitting antenna. This map must comply with the requirements set forth in Instruction V. The map must further clearly and legibly display the original printed contour lines and data as well as latitude and longitude markings, and must bear a scale of distance in kilometers.

Exhibit No.
E-1

16. Attach as an Exhibit *(name the source)* a map which shows clearly, legibly, and accurately, and with the original printed latitude and longitude markings and a scale of distance in kilometers:

Exhibit No.
E-1

(a) the proposed transmitter location, and the radials along which profile graphs have been prepared;

(b) the 0.15 mV/m and 1 mV/m predicted contours; and

(c) the legal boundaries of the principal community to be served.

17. Specify area in square kilometers (1 sq. mi. = 259 sq. km.) and population (latest census) within the predicted 1 mV/m contour.

Area 2338 sq. km. Population 434,542

18. For an application involving an auxiliary facility only, attach as an Exhibit a map *(Sectional Aeronautical Chart or equivalent)* that shows clearly, legibly, and accurately, and with latitude and longitude markings and a scale of distance in kilometers:

Exhibit No.
N/A

(a) the proposed auxiliary 1 mV/m contour; and

(b) the 1 mV/m contour of the licensed main facility for which the applied-for facility will be auxiliary. Also specify the file number of the license.

19. Terrain and coverage data *(to be calculated in accordance with 47 C.F.R. Section 73.313)*

Source of terrain data: *(check only one box below)*

☒ Linearly interpolated 90-second database ☐ 75 minute topographic map

(Source: NGDC)

☐ Other *(briefly summarize)*

Radial bearing (degrees True)	Height of radiation center above average elevation of radial from 8 to 16 km ERP (meters) (dBk)		Predicted Distances	
			To the 316 mV/m contour (kilometers)	To the 1 mV/m contour (kilometers)
210 "	157	6.34	18.9	32.2
0	104	3.32	12.6	22.9
45	77	6.34	12.9	23.2
90	86	6.34	13.6	24.4
135	100	6.34	14.7	26.2
180	126	6.34	16.7	29.0
225	154	6.34	18.7	31.8
270	152	6.34	18.6	31.7
315	146	3.32	15.0	26.5

*Radial through principal community, if not one of the major radials. This radial should NOT be included in the calculation of HAAT.

20. Environmental Statement/See 47 C.F.R. Section 1.1301 et seq.)

Would a Commission grant of this application come within Section 1.1307 of the FCC Rules, such that it may have a significant environmental impact? ☐ Yes ☒ No

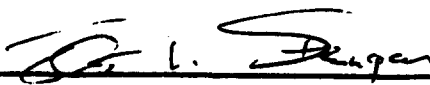
If you answer Yes, submit as an Exhibit an Environmental Assessment required by Section 1.1311.

Exhibit No.
N/A

If No, explain briefly why not. Categorizedly excluded by Section 1.1306 of the FCC Rules.

CERTIFICATION

I certify that I have prepared this Section of this application on behalf of the applicant, and that after such preparation I have examined the foregoing and found it to be accurate and true to the best of my knowledge and belief.

Name (Typed or Printed) Elmer L. Steingass	Relationship to Applicant (e.g., Consulting Engineer) Consulting Engineer
Signature 	Address (Include ZIP Code) 2324 N. Cleveland-Massillon Road Bath, OH 44210
Date 12/24/91	Telephone No. (Include Area Code) (216) 659-4440

3.0 PROPOSED ANTENNA SYSTEM

The proposed antenna will be a Jampro JSCP-3 (DA) three bay circularly polarized directional antenna. This antenna will be mounted on the existing tower previously employed by WBBY(FM) - Westerville, Ohio, whose license to operate on this allotment has been revoked. Table 3.0 presents a tabulation of the proposed directional pattern. Figure 3.0 presents this same data in polar form. Finally, Table 3.1 and Figure 3.1 present the proposed vertical radiation pattern for this antenna. It should be noted that the directional pattern shown herein is a composite envelope, or idealized pattern. When final pattern modeling is conducted by the antenna manufacturer, both the horizontally and vertically polarized radiation patterns will be totally encompassed within this envelope. Following the completion of this pattern modeling, the antenna will be mounted on the tower in accordance with the manufacturer's instructions. No other antennas will be mounted within or in close proximity to the aperture of this antenna. Furthermore, there will be no platform or other similar structure at the top of the proposed tower which could possibly distort the directional pattern of this antenna. The maximum proposed effective radiated power in both the horizontal and vertical polarizations will be 4.31 kilowatts. The maximum pattern suppression does not exceed the 15 dB value permitted by Section 73.316 of the FCC Rules. Furthermore, the slope of this pattern does not exceed 2 dB/10 degrees at any point on the pattern.

Figure 3.2 is a vertical plan view of the proposed installation.

TABLE 3.0

PROPOSED DIRECTIONAL PATTERN

David A. Ringer
Westerville, OH

<u>Azimuth (Degrees)</u>	<u>Relative Field</u>	<u>dBk</u>	<u>ERP</u>	<u>kW</u>
0	0.706	3.32		2.15
5	0.706	3.32		2.15
10	0.790	4.29		2.69
20	0.994	6.29		4.25
30	1.000	6.34		4.31
40	1.000	6.34		4.31
45	1.000	6.34		4.31
50	1.000	6.34		4.31
60	1.000	6.34		4.31
70	1.000	6.34		4.31
80	1.000	6.34		4.31
90	1.000	6.34		4.31
100	1.000	6.34		4.31
110	1.000	6.34		4.31
120	1.000	6.34		4.31
<u>130</u>	1.000	6.34		4.31
135	1.000	6.34		4.31
140	1.000	6.34		4.31
150	1.000	6.34		4.31
160	1.000	6.34		4.31
170	1.000	6.34		4.31
180	1.000	6.34		4.31

TABLE 3.0 (cont'd,

<u>Azimuth (Degrees)</u>	<u>Relative Field</u>	<u>dBk</u>	<u>ERP</u>	<u>kW</u>
190	1.000	6.34		4.31
200	1.000	6.34		4.31
210	1.000	6.34		4.31
220	1.000	6.34		4.31
225	1.000	6.34		4.31
230	1.000	6.34		4.31
240	1.000	6.34		4.31
250	1.000	6.34		4.31
260	1.000	6.34		4.31
270	1.000	6.34		4.31
280	1.000	6.34		4.31
290	1.000	6.34		4.31
295	0.997	6.31		4.28
300	0.889	5.32		3.40
310	0.706	3.32		2.15
315	0.706	3.32		2.15
320	0.706	3.32		2.15
330	0.706	3.32		2.15
340	0.706	3.32		2.15
<u>350</u>	0.706	3.32		2.15

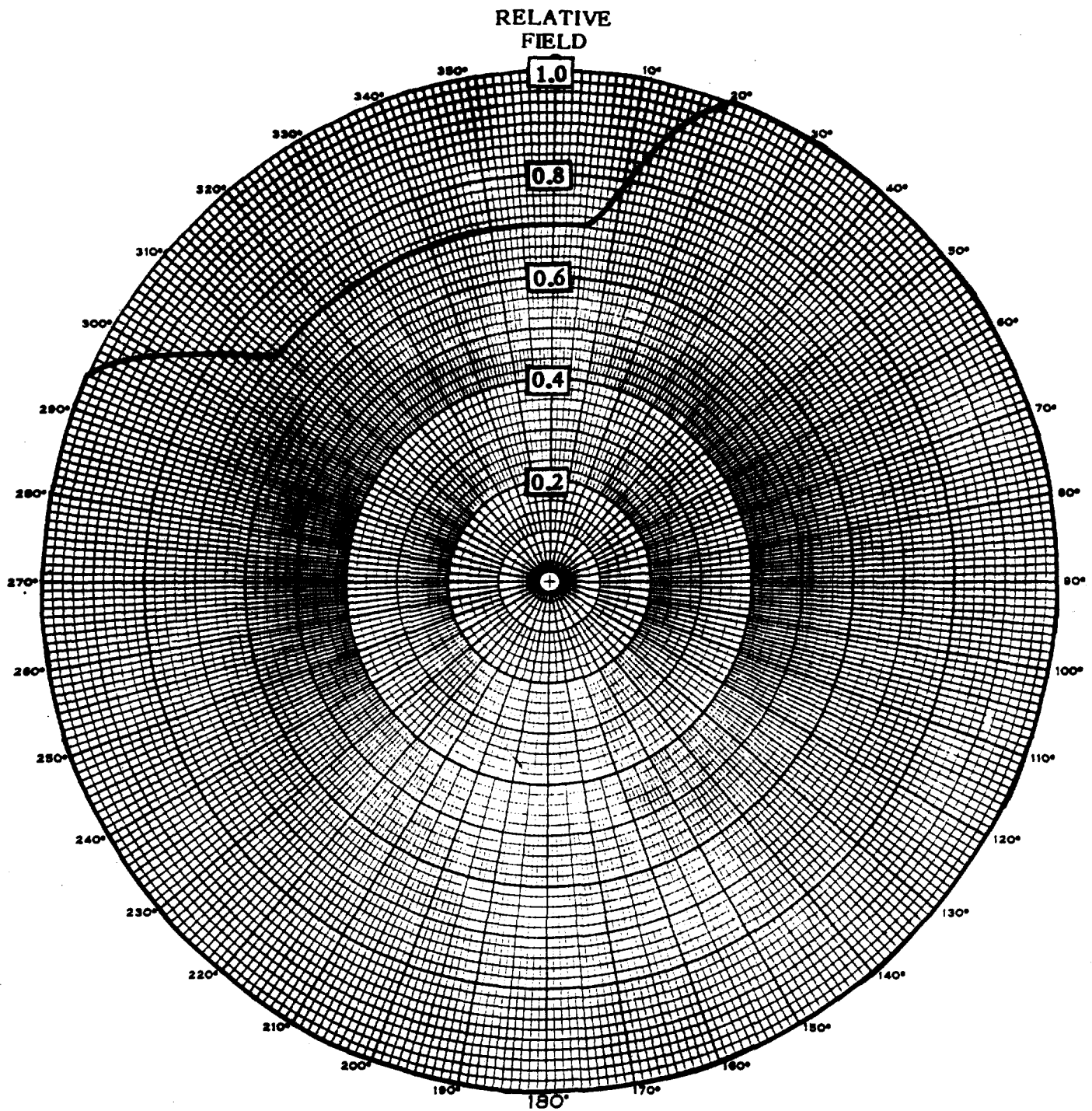


FIG. 3.0

**PROPOSED DIRECTIONAL
PATTERN**

**David A. Ringer
Westerville, OH**

MAXIMUM ERP = 4.31 kW

**CARL E. SMITH CONSULTING ENGINEERS
2324 N. CLEVE-MASS RD. BOX 317
BATH, OHIO 44210-0317
216/659-4440**

TABLE OF FIELD STRENGTH

3-BAY

ELEV. ANGLE	FIELD STRNGTH	ELEV. ANGLE	FIELD STRNGTH	ELEV. ANGLE	FIELD STRNGTH	ELEV. ANGLE	FIELD STRNGTH	ELEV. ANGLE	FIELD STRNGTH
90.0	.100	89.0	.108	88.0	.114	87.0	.123	86.0	.131
85.0	.139	84.0	.147	83.0	.154	82.0	.162	81.0	.170
80.0	.177	79.0	.191	78.0	.204	77.0	.218	76.0	.231
75.0	.243	74.0	.256	73.0	.268	72.0	.280	71.0	.291
70.0	.301	69.0	.310	68.0	.319	67.0	.326	66.0	.333
65.0	.339	64.0	.343	63.0	.346	62.0	.348	61.0	.349
60.0	.347	59.0	.346	58.0	.342	57.0	.337	56.0	.330
55.0	.320	54.0	.308	53.0	.294	52.0	.278	51.0	.259
50.0	.239	49.0	.214	48.0	.188	47.0	.161	46.0	.132
45.0	.102	44.0	.070	43.0	.038	42.0	.006	41.0	.026
40.0	.058	39.0	.090	38.0	.121	37.0	.151	36.0	.179
35.0	.204	34.0	.227	33.0	.246	32.0	.262	31.0	.274
30.0	.281	29.0	.280	28.0	.275	27.0	.264	26.0	.247
25.0	.225	24.0	.196	23.0	.162	22.0	.123	21.0	.078
20.0	.028	19.0	.026	18.0	.085	17.0	.147	16.0	.212
15.0	.280	14.0	.349	13.0	.419	12.0	.489	11.0	.559
10.0	.626	9.0	.689	8.0	.747	7.0	.801	6.0	.850
5.0	.892	4.0	.929	3.0	.958	2.0	.980	1.0	.994
0	1.000	-1.0	.994	-2.0	.980	-3.0	.958	-4.0	.929
-5.0	.892	-6.0	.850	-7.0	.801	-8.0	.747	-9.0	.689
-10.0	.626	-11.0	.559	-12.0	.489	-13.0	.419	-14.0	.349
-15.0	.280	-16.0	.212	-17.0	.147	-18.0	.085	-19.0	.026
-20.0	.028	-21.0	.078	-22.0	.123	-23.0	.162	-24.0	.196
-25.0	.225	-26.0	.247	-27.0	.264	-28.0	.275	-29.0	.280
-30.0	.281	-31.0	.274	-32.0	.262	-33.0	.246	-34.0	.227
-35.0	.204	-36.0	.179	-37.0	.151	-38.0	.121	-39.0	.090
-40.0	.058	-41.0	.026	-42.0	.006	-43.0	.038	-44.0	.070
-45.0	.102	-46.0	.132	-47.0	.161	-48.0	.188	-49.0	.214
-50.0	.239	-51.0	.259	-52.0	.278	-53.0	.294	-54.0	.305
-55.0	.320	-56.0	.330	-57.0	.337	-58.0	.342	-59.0	.346
-60.0	.347	-61.0	.349	-62.0	.348	-63.0	.346	-64.0	.343
-65.0	.339	-66.0	.333	-67.0	.326	-68.0	.319	-69.0	.310
-70.0	.301	-71.0	.291	-72.0	.280	-73.0	.269	-74.0	.256
-75.0	.243	-76.0	.231	-77.0	.218	-78.0	.204	-79.0	.191
-80.0	.177	-81.0	.170	-82.0	.162	-83.0	.154	-84.0	.147
-85.0	.139	-86.0	.131	-87.0	.123	-88.0	.114	-89.0	.108
-90.0	.100								



6939 Power Inn Road, P.O. Box 28425, Sacramento, CA 95828 (916) 383-1177 Telex: 377321

CARL E. SMITH CONSULTING ENGINEERS

2324 N. CLEVE-MASS RD., BOX 807

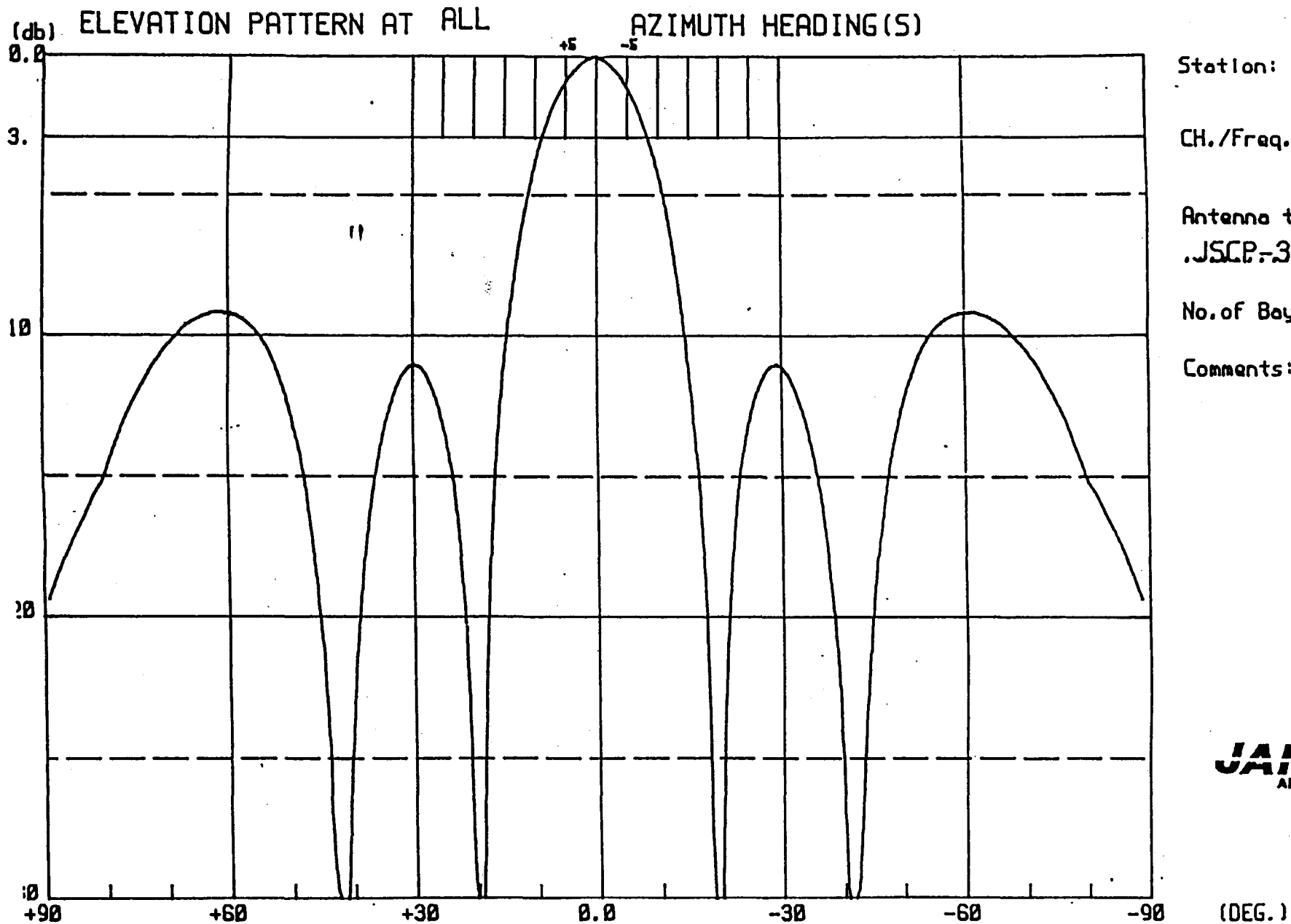
BATH, OHIO 44210-0807

216/659-4440

TABLE 3.1

VERTICAL RADIATION PATTERN

David A. Ringer
Westerville, OH



CARL E. SMITH CONSULTING ENGINEERS
2324 N. CLEVE-MASS RD., BOX 807
BATH, OHIO 44210-0807

FIG. 3.1
VERTICAL RADIATION PATTERN
David A. Ringer

SECTION VII - CERTIFICATION (Page 5)

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT.
U.S. CODE, TITLE 18, SECTION 1001.

I certify that the statements in this application are true and correct to the best of my knowledge and belief, and are made in good faith.

Name of Applicant David A. Ringer	Signature <i>David A. Ringer</i>
Date <i>December 27, 1991</i>	Title Individual/Applicant

FCC NOTICE TO INDIVIDUALS REQUIRED BY THE PRIVACY ACT
AND THE PAPERWORK REDUCTION ACT

The solicitation of personal information requested in this application is authorized by the Communications Act of 1934, as amended. The principal purpose for which the information will be used is to determine if the benefit requested is consistent with the public interest. The staff, consisting variously of attorneys, analysts, engineers and applications examiners, will use the information to determine whether the application should be granted, denied, dismissed, or designated for hearing. If all the information is not provided, the application may be returned without action having been taken upon it or its processing may be delayed while a request is made to provide the missing information. Accordingly, every effort should be made to provide all necessary information. Your response is required to obtain the requested authority.

Public reporting burden for this collection of information is estimated to vary from 71 hours 45 minutes to 301 hours 30 minutes with an average of 118 hours 28 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, can be sent to the Federal Communications Commission, Office of Managing Director, Washington, D.C. 20554, and to the Office of Management and Budget, Paperwork Reduction Project (3050-0027), Washington, D.C. 20503.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(e)(3), AND THE PAPERWORK REDUCTION ACT OF 1980, P.L. 96-511, DECEMBER 11, 1980, 44 U.S.C. 3507.

ATTACHMENT 2

SECTION III - FINANCIAL QUALIFICATIONS

NOTE: If this application is for a change in an operating facility do not fill out this section.

1. The applicant certifies that sufficient net liquid assets are on hand or that sufficient funds are available from committed sources to construct and operate the requested facilities for three months without revenue.

☒ Yes ☐ No

2. State the total funds you estimate are necessary to construct and operate the requested facility for three months without revenue.

\$ 201,880.00

3. Identify each source of funds, including the name, address, and telephone number of the source (and a contact person if the source is an entity), the relationship (if any) of the source to the applicant, and the amount of funds to be supplied by each source.

Source of Funds (Name and Address)	Telephone Number	Relationship	Amount
David A. Ringer 1000 Urlin Avenue, #1017 Columbus, OH 43212	(614) 486-4532	Individual Applicant	201,880.00

ATTACHMENT 3

BUSINESS PLAN

DAVID A. RINGER
New FM
Westerville, Ohio

CONSTRUCTION COSTS

Harris/Allied Turnkey System	
Furniture & Fixtures	6,000.00
Legal Fees	50,000.00
Engineering Fees	5,000.00
FCC Filing Fees	8,790.00
Miscellaneous Expenses	50,000.00

TOTAL CONSTRUCTION COSTS	\$119,790.00
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OPERATING EXPENSES

	1st month	2nd month	3rd month
Tower Site Rent	6,000.00	6,000.00	6,000.00
Studio Rent			
Satellite Service			
Electric	525.00	525.00	525.00
Telephone	1,300.00	1,300.00	1,300.00
Advertising	800.00	800.00	800.00
Salaries:			
General Manager	3,000.00	3,000.00	3,000.00
Sales Manager	1,400.00	1,400.00	1,400.00
Production Director	1,200.00	1,200.00	1,200.00
Overnight Operator	1,120.00	1,120.00	1,120.00
Weekend Staff	1,050.00	1,050.00	1,050.00
Salesman #1	1,800.00	1,800.00	1,800.00
Salesman #2	1,600.00	1,600.00	1,600.00
Bookkeeper/Office Mgr.	1,250.00	1,250.00	1,250.00
Engineer	600.00	450.00	300.00
Secretary	1,280.00	1,280.00	1,280.00
Payroll Taxes			
(FICA, Unemployment, etc.)			
Royalties & Licenses			
(ASCAP, BMI & SESCAC)	1,200.00	1,200.00	1,200.00
Debt Service			
Maintenance & Supplies	1,000.00	1,200.00	1,200.00
Insurance	555.00	555.00	555.00
Account & Legal Fees	500.00	500.00	500.00
Miscellaneous Expenses	<u>1,200.00</u>	<u>1,200.00</u>	<u>1,200.00</u>
TOTAL OPERATING EXPENSES	27,380.00	27,430.00	27,280.00

CONSTRUCTION AND OPERATION

TOTAL COSTS	201,880.00
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ATTACHMENT 4